Index of Claims

| Appl | lication/ | Control | No. |
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00/005 440

09/885,448

Examiner

Trenton J. Roche

Applicant(s)/Patent under Reexamination

HINES, KENNETH J.

Art Unit

2193

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

|              |  |                |          |  |              |              | ,  |          | _        |          |
|--------------|--|----------------|----------|--|--------------|--------------|--|----------|----------|----------|
| Cla          | im                                     | Date           |          |  |              |              |  |          |          |          |
| Final        | Original                               | 90/1/9         |          |  |              |              |  |          |          |          |
|              | 1                                      | 1              |          |  |              |              |  |          |          |          |
|              | 2                                      | 1              |          |  |              |              |  |          | Г        |          |
|              | 3                                      | 1              |          |  |              |              |  |          |          |          |
|              | 1<br>2<br>3<br>4<br>5                  | 1              | Ш        |  |              |              |  |          |          |          |
|              | 5                                      | 1              |          |  |              | L            | _  | _        |          | Ш        |
|              | 6                                      | -              |          |  |              | L            | L  |          | _        | Щ        |
|              | 7<br>8                                 | <u>  -</u>     | _        |  |              | _            | <u> </u>   |          |          | Щ        |
| <u> </u>     | 8                                      | -              | <u> </u> |  |              |              | _  | _        |          | Н        |
| <u> </u>     | 9                                      | -              | $\vdash$ | H  | $\vdash$     |              | ├  |          | -        |          |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16 | <del> </del> - | $\vdash$ |  | $\vdash$     | Н            | ⊢  | ├        | $\vdash$ | $\vdash$ |
| -            | 12                                     | <u>-</u>       | _        |  | -            | -            | ┝  | $\vdash$ | $\vdash$ | Н        |
|              | 13                                     | -              |          | -  | -            | _            | <del> </del>                                     | $\vdash$ | $\vdash$ | Н        |
|              | 14                                     | -              | _        | _  | $\vdash$     | -            | ┢  | -        | _        | Н        |
|              | 15                                     | -              |          |  |              | _            | ┢  | _        | _        | Н        |
|              | 16                                     | -              |          |  |              |              | <del>                                     </del> | _        |          | Н        |
|              | 17                                     | -              |          |  |              |              |  |          |          |          |
|              | 18                                     | -<br>✓         |          |  |              |              |  |          |          |          |
|              | 18<br>19                               |                |          |  |              |              |  |          |          |          |
|              | 20                                     | 1              |          |  |              |              |  |          |          |          |
|              | 20<br>21<br>22                         | •              |          |  |              |              |  |          |          |          |
|              | 22                                     | -              |          |  |              |              |  | _        |          | Щ        |
|              | 23<br>24<br>25                         | -              |          |  |              |              | <u> </u>   | _        |          |          |
| igsquare     | 24                                     | -              | _        |  |              | L            | _  | ┕        | L        | Щ        |
|              | 25                                     | -              |          | _  | _            |              | ├  | <u> </u> | -        | Н        |
| <u> </u>     | 20                                     | -              | _        | -  | _            |              | ├—   | <u> </u> | <u> </u> | Н        |
|              | 26<br>27<br>28                         | -              |          | _  |              | H            | <del> </del>                                     | -        | $\vdash$ | Н        |
|              | 20                                     | -              |          | -  | -            |              | ├  | ┢        | -        | Н        |
| $\vdash$     | 29<br>30                               | -              | -        | -  | $\vdash$     | H            | -  | -        | -        | Н        |
|              | 31                                     | 1              |          |  | H            |              | -  |          |          |          |
|              | 32                                     | 1              |          |  | Г            |              |  |          |          |          |
|              | 32<br>33                               | 1              |          |  | Г            |              | Г  |          |          | П        |
|              | 34                                     | 1              |          |  |              |              |  |          |          |          |
|              | 35                                     | 1              |          |  |              |              | oxdot  |          |          | Ш        |
|              | 36                                     | 1              | L        | <u> </u>   | $oxed{oxed}$ | $oxed{oxed}$ | <u> </u>   | _        |          | Ш        |
| <u> </u>     | 37                                     | 1              | _        | <u> </u>   | <u> </u>     | L            | ┞—   | <u> </u> | <u> </u> | $\sqcup$ |
| <u> </u>     | 38                                     | ٧.             | _        | $\vdash$   | <u> </u>     | $\vdash$     | $\vdash$   | <u> </u> | <u> </u> | Ш        |
|              | 39                                     |                | <u> </u> | H  | _            | H            | -  | <u> </u> | _        | $\vdash$ |
| <del> </del> | 41                                     | -              | _        | ┝  | $\vdash$     |              | -  | ├        |          | Н        |
| }            | 42                                     | $\vdash$       | -        | ├  | ┝            | $\vdash$     | -  | -        | ├        | H        |
| $\vdash$     | 43                                     | ├              | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$ | Н        |
| $\vdash$     | 44                                     | <del> </del>   |          | $\vdash$   | $\vdash$     | ┢┈           | $\vdash$   | $\vdash$ | $\vdash$ | H        |
| $\Box$       | 45                                     | T              |          | <del>                                     </del> | T            |              |  | T        | T        | H        |
|              | 46                                     | Г              | Т        | $\vdash$   | Г            | П            |  | T        | T        | $\Box$   |
|              | 47                                     | Γ              |          |  | Г            | Г            |  | <u> </u> |          | П        |
|              | 48                                     |                |          |  |              |              |  |          |          |          |
|              | 49                                     |                |          |  |              |              |  |          |          |          |
|              | 50                                     |                |          |  |              |              |  |          |          |          |
|              |  |                |          |  |              |              |  |          |          |          |

| Claim       |          | Deta  |                    |              |             |              |          |              |          |              |  |
|-------------|----------|---|--------------------|--------------|-------------|--------------|----------|--------------|----------|--------------|--|
| Cla         | im       | $ldsymbol{ld}}}}}}$ |                    |              |             | Date         | €        |              |          | _            |  |
| Final       | Original |   |                    |              |             |              |          |              |          |              |  |
|             | 51       |   |                    |              |             |              |          |              |          |              |  |
|             | 52       |   |                    |              |             |              |          |              |          |              |  |
|             | 53       |   |                    |              |             |              |          |              |          |              |  |
|             | 54<br>55 |   |                    |              |             | Ш.           | Щ        | Щ            |          | _            |  |
|             | 55       |   |                    |              |             | _            |          | $\perp$      | _        | _            |  |
|             | 56       |   |                    | _            |             |              | _        | _            |          |              |  |
| -           | 57<br>58 |   |                    |              |             | <u> </u>     |          |              | _        |              |  |
|             | 59       |   |                    | -            | _           | ├            | $\vdash$ | -            | -        | _            |  |
|             | 60       |   | _                  |              | _           | ┝            | -        | ┢            | -        | -            |  |
|             | 61       |   |                    |              |             | $\vdash$     | $\vdash$ | H            |          | H            |  |
|             | 62       |   |                    |              |             |              |          |              |          | -            |  |
|             | 63       |   |                    |              |             |              |          |              |          |              |  |
|             | 64       |   |                    |              |             | $\Box$       | Г        | Г            |          |              |  |
|             | 65       |   |                    |              |             |              |          |              |          |              |  |
|             | 66       |   |                    |              |             |              |          |              |          |              |  |
|             | 67       | Ш   |                    |              | _           |              |          |              |          | _            |  |
|             | 68<br>69 | Ш   |                    |              |             |              |          |              |          |              |  |
|             | 69       |   |                    |              |             | ļ            |          |              |          |              |  |
|             | 70       | H   | _                  |              |             | <u> </u>     | $\vdash$ |              | _        |              |  |
|             | 71<br>72 | <u> </u>  | _                  | _            | _           | $\vdash$     | $\vdash$ | $\vdash$     |          | _            |  |
|             | 73       | $\vdash$  | _                  | -            |             | ⊢            | $\vdash$ | -            | -        | -            |  |
|             | 73<br>74 | Н   | _                  |              |             | $\vdash$     | _        | Н            | $\vdash$ |              |  |
|             | 75       |   |                    |              |             | $\vdash$     |          | $\vdash$     | _        | _            |  |
|             | 76       | _   | _                  |              |             |              |          |              |          |              |  |
|             | 76<br>77 |   |                    |              |             |              |          |              |          |              |  |
|             | 78       |   |                    |              |             |              |          |              |          |              |  |
|             | 79       |   |                    |              |             |              |          |              |          |              |  |
|             | 80       |   |                    |              |             | L            | L_       |              |          |              |  |
|             | 81       |   | _                  | L.           |             | ļ            | <u> </u> | _            | _        |              |  |
|             | 82       | _   | <u> </u>           | L            | $\vdash$    | <u> </u>     | -        |              |          |              |  |
|             | 83<br>84 | -   | -                  | $\vdash$     | -           | -            | -        | <del> </del> |          |              |  |
|             | 85       | $\vdash$  |                    |              | $\vdash$    | <del> </del> |          | ├            | $\vdash$ | -            |  |
|             | 86       | $\vdash$  |                    | $\vdash$     | $\vdash$    | <del> </del> | -        | -            | -        |              |  |
|             | 87       | $\vdash$  | ┢                  | Н            | Н           | _            | -        | _            | -        | _            |  |
|             | 88       |   |                    |              |             | _            | T        | _            |          |              |  |
|             | 89       |   |                    |              |             |              |          |              |          |              |  |
|             | 90       |   |                    |              |             |              |          |              |          |              |  |
|             | 91       |   |                    |              |             |              |          |              |          |              |  |
|             | 92       |   | $oxedsymbol{oxed}$ | $oxed{\Box}$ | _           | <u> </u>     | _        | <u> </u>     | L        |              |  |
|             | 93       | _   |                    | L.           | <u> </u>    | <u> </u>     | <u> </u> | <u> </u>     | L        | _            |  |
| <u> </u>    | 94       | <u> </u>  | <u> </u>           | L            | _           | $\vdash$     | $\vdash$ | $\vdash$     | ├        | L            |  |
| <b></b> -   | 95<br>96 | -   |                    | $\vdash$     | <u> </u>    | $\vdash$     | $\vdash$ | $\vdash$     | ⊢        | $\vdash$     |  |
| <u> </u>    | 96       | ├-  |                    | $\vdash$     | -           | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     |  |
| <u> </u>    | 98       | ⊢   |                    | $\vdash$     | -           | -            | $\vdash$ | $\vdash$     | $\vdash$ | <del> </del> |  |
| <u> </u>    | 99       | ┢   | $\vdash$           | H            | $\vdash$    | $\vdash$     | $\vdash$ | $\vdash$     | -        | $\vdash$     |  |
| <del></del> | 100      | ├   | ├-                 | ├—           | <del></del> | <del></del>  | $\vdash$ | $\vdash$     | -        | $\vdash$     |  |

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| Cla      | Date   |              |   |          |                                     |          |          |               |                           |           |
|----------|--|--------------|---|----------|-------------------------------------|----------|----------|---------------|---------------------------|-----------|
|          | _  |              |   |          |                                     |          |          |               |                           |           |
| ם        | Original   |              |   |          |                                     |          |          |               |                           |           |
| Final    | ij   |              |   |          |                                     |          |          |               |                           |           |
|          | 0  |              |   |          |                                     |          |          |               |                           |           |
|          | 101  |              |   |          |                                     |          |          |               |                           |           |
|          | 102  |              |   | <u> </u> |                                     |          |          |               |                           |           |
|          | 101<br>102<br>103<br>104<br>105<br>106   |              |   |          |                                     |          |          | $\overline{}$ |                           | П         |
|          | 104  | -            |   |          | _                                   |          |          |               |                           |           |
|          | 105  |              |   | <u> </u> |                                     |          |          |               |                           |           |
|          | 106  |              |   |          |                                     |          |          |               |                           |           |
|          | l 107  |              |   |          |                                     |          |          |               |                           |           |
|          | 108<br>109   |              |   | Г        |                                     |          |          |               |                           |           |
|          | 109  |              |   |          | Г                                   |          |          |               |                           |           |
|          | l 110 l  |              |   | Г        | П                                   |          |          |               |                           |           |
|          | 111  |              |   |          |                                     |          |          |               |                           |           |
|          | 112  |              |   |          |                                     |          |          |               |                           |           |
|          | 113  |              |   |          |                                     |          |          |               |                           |           |
|          | 111<br>112<br>113<br>114<br>115  |              |   |          |                                     |          |          |               |                           |           |
|          | 115  |              |   |          |                                     |          |          |               |                           |           |
|          | 116  |              |   |          |                                     |          |          |               |                           |           |
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|          | 118  |              | Г   |          |                                     |          | Г        |               |                           |           |
|          | 119  |              |   |          |                                     |          |          |               |                           |           |
|          | 120  |              |   | Г        |                                     |          |          |               |                           |           |
|          | 121  |              |   | П        |                                     |          |          |               |                           |           |
|          | 122  |              |   | _        |                                     |          |          |               |                           |           |
|          | 123  |              |   |          |                                     |          |          |               |                           |           |
|          | 124  |              |   |          |                                     |          |          |               |                           |           |
|          | 125  |              |   |          |                                     |          |          |               |                           |           |
|          | 126  |              |   |          |                                     |          |          |               |                           |           |
|          | 127  |              |   |          |                                     |          |          |               |                           |           |
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|          | 129  |              |   |          |                                     |          |          |               |                           |           |
|          | 130  |              |   | L_       | $oxed{oxed}$                        |          | L        |               | L                         |           |
|          | 131  |              |   |          |                                     |          |          |               |                           |           |
|          | 132  |              |   |          |                                     |          |          |               |                           |           |
|          | 133  |              | $oxedsymbol{oxed}$  | L        | $oxedsymbol{oxed}$                  |          | oxdot    |               |                           | $\square$ |
| L        | 134  | _            | _   | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          | L.            |                           |           |
| L        | 130<br>131<br>132<br>133<br>134<br>135<br>136  | $oxed{oxed}$ | <u> </u>  | <u> </u> | Ш                                   | L.       |          | L_            | L_                        | Ш         |
| L        | 136  | <u> </u>     | <u> </u>  |          | Ш                                   |          | <u> </u> | L_:           | L                         | Щ         |
| ļ        | 137  | <u> </u>     | L.  | <u> </u> |                                     | _        | _        | _             |                           | Ш         |
|          | 138<br>139<br>140  | L            | L   | <u> </u> | _                                   | _        | _        |               |                           | Ш         |
| ļ        | 139  | <u> </u>     | <u> </u>  | <u> </u> |                                     | _        | <u> </u> | <u> </u>      |                           | Щ         |
| L        | 140  | $\vdash$     | <u> </u>  | 1        | <u> </u>                            | _        |          | <b>├</b> —    |                           | Ш         |
| <u> </u> | 141  | $\vdash$     | <u> </u>  | <u> </u> | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>      | <u> </u>                  | Ш         |
|          | 142  | <u> </u>     | <b> </b>  | <b>!</b> | ⊢                                   | <u> </u> | <u> </u> | <u> </u>      |                           | $\vdash$  |
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|          | 144  | <u> </u>     | $oxed{\!$ | L_       | <u> </u>                            | ⊢-       | <u> </u> | Ь—            | ⊢                         | Щ         |
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| L        | 148  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | L.       | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>      | <u> </u>                  | Ш         |
| L        | 149  | <u> </u>     | L.  | L        | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>      | $ldsymbol{ldsymbol{eta}}$ | Щ         |
| L        | 150  |              | L   | L        |                                     | L        | L_       | <u></u>       |                           | Ш         |